

U. S. DEPARTMENT OF COMMERCE  
NATIONAL BUREAU OF STANDARDS  
WASHINGTON, D.C. 20234

PROVISIONAL CERTIFICATE OF ANALYSIS  
STANDARD SAMPLE 1014  
PORTLAND CEMENT

	<u>Percent</u>
SiO <sub>2</sub> -----	19.4 <sub>9</sub>
Al <sub>2</sub> O <sub>3</sub> -----	6.38
Fe <sub>2</sub> O <sub>3</sub> -----	2.50
TiO <sub>2</sub> -----	0.25
P <sub>2</sub> O <sub>5</sub> -----	.32
CaO (+ SrO) -----	63.3 <sub>6</sub>
SrO -----	0.26
MgO -----	2.80
SO <sub>3</sub> -----	2.70
Mn <sub>2</sub> O <sub>3</sub> -----	0.07
Na <sub>2</sub> O -----	.24
K <sub>2</sub> O -----	.99
Li <sub>2</sub> O -----	(.005)
Rb <sub>2</sub> O -----	(.007)
Loss on Ignition -----	.81

Values in parentheses are not certified but are given as added information.

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Building Research Division

Washington, D. C.  
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